

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2139	INTERNET AND DYNAMIC\$4 AND ANALYZ\$3 AND CONTENT AND CRITERIA AND RESULT AND COMMUNICATION	USPAT	OR	OFF	2006/10/19 21:44
L2	437	1 AND TRUST\$5	USPAT	OR	OFF	2006/10/19 21:32
L3	48	2 AND ANALYTICAL	USPAT	OR	OFF	2006/10/19 21:32
L4	37	3 AND SCALE	USPAT	OR	OFF	2006/10/19 21:42
L5	107	726/2	USPAT	OR	OFF	2006/10/19 21:42
L6	1	5 AND 4	USPAT	OR	OFF	2006/10/19 21:43
L7	40	726/25	USPAT	OR	OFF	2006/10/19 21:43
L8	0	7 AND 4	USPAT	OR	OFF	2006/10/19 21:44
L9	5	MONTEVERDE.INV.	USPAT	OR	OFF	2006/10/19 21:44
L10	0	internet and cummunication and dynamic\$5 and analyz\$4 and criteria and analytical and result and content and trust\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/19 21:46
L11	246	internet and communication and dynamic\$5 and analyz\$4 and criteria and analytical and result and content and trust\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/19 21:47
L12	34	11 and scale and numerical	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/19 21:47
L13	32	12 and points	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/19 21:48

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L14	0	13 and "numerical points"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/19 21:48
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Relev:

1 [Fast detection of communication patterns in distributed executions](#)

Thomas Kunz, Michiel F. H. Seuren

November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Studies on Collaborative research**

Publisher: IBM Press

Full text available: [pdf\(4.21 MB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Understanding distributed applications is a tedious and difficult task. Visualizations based on pre diagrams are often used to obtain a better understanding of the execution of the application. The tool we use is Poet, an event tracer developed at the University of Waterloo. However, these diagrams are often very complex and do not provide the user with the desired overview of the application. In our experience, such tools display repeated occurrences of non-trivial communication patterns.

2 [Computing as a discipline](#)
 D. E. Comer, David Gries, Michael C. Mulder, Allen Tucker, A. Joe Turner, Paul R. Young
February 1989 **Communications of the ACM**, Volume 32 Issue 1

Publisher: ACM Press

Full text available: [pdf\(1.68 MB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

The final report of the Task Force on the Core of Computer Science presents a new intellectual foundation for the discipline of computing and a new basis for computing curricula. This report has been endorsed and approved for release by the ACM Education Board.

3 [Using e-CRM for a unified view of the customer](#)
 Shan L. Pan, Jae-Nam Lee
April 2003 **Communications of the ACM**, Volume 46 Issue 4

Publisher: ACM Press

Full text available: [pdf\(92.62 KB\)](#) [html](#)
(26.30 KB)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Applying detailed knowledge of the customer to a larger business domain.

4 [Computing curricula 2001](#)
 September 2001 **Journal on Educational Resources in Computing (JERIC)**

Publisher: ACM Press

Full text available: [pdf\(613.63 KB\)](#) [html](#)Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

(2.78 KB)

5 Information retrieval on the web

Mei Kobayashi, Koichi Takeda

June 2000 **ACM Computing Surveys (CSUR)**, Volume 32 Issue 2**Publisher:** ACM Press

Full text available: pdf(213.89 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

In this paper we review studies of the growth of the Internet and technologies that are useful for search and retrieval on the Web. We present data on the Internet from several different sources as well as projected number of users, hosts, and Web sites. Although numerical figures vary, ones cited by the sources are consistent and point to exponential growth in the past and in the coming future. Hence it is not surprising that about 85% of Internet users ...

Keywords: Internet, World Wide Web, clustering, indexing, information retrieval, knowledge management, search engine

6 Visualization: Periscope: a system for adaptive 3D visualization of search results

Wojciech Wiza, Krzysztof Walczak, Wojciech Cellary

April 2004 **Proceedings of the ninth international conference on 3D Web technology****Publisher:** ACM Press

Full text available: pdf(1.37 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

A system for efficient 3D visualization of Web search results is presented. The system, called Periscope, uses a novel approach for adaptive and customizable visualization of complex data. The whole process is divided into a number of interactive steps. At each step, the system can automatically choose the best way of presenting search results. The user can also select a specific presentation method to focus on certain properties of the result obtained. After analyzing the current search results ...

Keywords: adaptive interfaces, human-computer interfaces, virtual reality

7 An Internet-based negotiation server for e-commerce

Stanley Y.W. Su, Chunbo Huang, Joachim Hammer, Yihua Huang, Haifei Li, Liu Wang, Youzhong Liu, Pluempitiwiriyaewej, Minsoo Lee, Herman Lam

August 2001 **The VLDB Journal — The International Journal on Very Large Data Bases**, Volume 10**Publisher:** Springer-Verlag New York, Inc.

Full text available: pdf(355.19 KB)

Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

This paper describes the design and implementation of a replicable, Internet-based negotiation server for conducting bargaining-type negotiations between enterprises involved in e-commerce and e-business. Enterprises can be buyers and sellers of products/services or participants of a complex supply chain in purchasing, planning, and scheduling. Multiple copies of our server can be installed to complement the services of Web servers. Each enterprise can install or select a trusted negotiation protocol ...

Keywords: Constraint evaluation, Cost-benefit analysis, Database, E-commerce, Negotiation protocol, Negotiation strategy, Negotiation protocol

8 Web mining for web personalization

Magdalini Eirinaki, Michalis Vazirgiannis

February 2003 **ACM Transactions on Internet Technology (TOIT)**, Volume 3 Issue 1**Publisher:** ACM Press

Full text available:  pdf(293.73 KB)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Web personalization is the process of customizing a Web site to the needs of specific users, taking into account the knowledge acquired from the analysis of the user's navigational behavior (usage data) in conjunction with other information collected in the Web context, namely, structure, content, and user profile. Due to the explosive growth of the Web, the domain of Web personalization has gained great momentum in research and commercial areas. In this article we present a survey ...

Keywords: WWW, Web personalization, Web usage mining, user profiling

9 Replication for web hosting systems

 Swaminathan Sivasubramanian, Michal Szymaniak, Guillaume Pierre, Maarten van Steen
September 2004 **ACM Computing Surveys (CSUR)**, Volume 36 Issue 3

Publisher: ACM Press

Full text available:  pdf(374.99 KB)Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Replication is a well-known technique to improve the accessibility of Web sites. It generally offers lower client latencies and increases a site's availability. However, applying replication techniques is not trivial. Various Content Delivery Networks (CDNs) have been created to facilitate replication for digital content providers. The success of these CDNs has triggered further research efforts into developing advanced replica hosting systems. These are systems that ...

Keywords: Web replication, content delivery networks

10 Initial trust and the adoption of B2C e-commerce: The case of internet banking

 Kyung Kyu Kim, Bipin Prabhakar
June 2004 **ACM SIGMIS Database**, Volume 35 Issue 2

Publisher: ACM Press

Full text available:  pdf(249.24 KB)Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

A possible reason for the delayed acceptance of the Internet as a retail distribution channel may be the lack of trust consumers have in the electronic channel and in the Web merchants. Few prior studies on the adoption of business-to-consumer e-commerce have considered trust in information technology as an important determinant of adoption behavior. This research explicitly encompasses the electronic channel as objects to be trusted in a specific e-commerce application, i.e. In ...

Keywords: electronic commerce, initial trust, internet banking

11 Reprint: MSIS 2006: model curriculum and guidelines for graduate degree programs in information systems

 John T. Gorgone, Paul Gray, Edward A. Stohr, Joseph S. Valacich, Rolf T. Wigand
June 2006 **ACM SIGCSE Bulletin**, Volume 38 Issue 2

Publisher: ACM Press

Full text available:  pdf(868.32 KB)Additional Information: [full citation](#), [abstract](#), [index terms](#)

This article presents the MSIS 2006 Model Curriculum and Guidelines for Graduate Degree Programs in Information Systems. As with MSIS 2000 and its predecessors, the objective is to create a model for designing or revising an MS curriculum in Information Systems. The curriculum was designed by a committee of the Association for Information Systems and the Association for Computing Machinery. MSIS2006 is a major update of MSIS 2000. Features include increasing the number of courses ...

Keywords: MS career tracks, MS course outlines, MS curriculum

- 12 Some assembly required: building a digital government for the 21st century
 Sharon S. Dawes, Peter A. Bloniarz, Kristine L. Kelly, Patricia D. Fletcher
 May 2002 **Proceedings of the 2002 annual national conference on Digital government re**
'02

Publisher: Digital Government Research Center

Full text available:  [pdf\(889.22 KB\)](#)

Additional Information: [full citation](#), [references](#)

- 13 Some assembly required: building a digital government for the 21st century
 Sharon S. Dawes, Peter A. Bloniarz, Kristine L. Kelly, Patricia D. Fletcher
 May 2000 **Proceedings of the 2000 annual national conference on Digital government re**
'00

Publisher: Digital Government Research Center

Full text available:  [pdf\(889.21 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#)

This material is based upon work supported in part by the National Science Foundation under G 181. Any opinions, findings, and conclusions or recommendations expressed in this material are authors and do not necessarily reflect the views of the National Science Foundation.

- 14 QoS differentiation in asynchronous bufferless optical packet switched networks

Harald Øverby, Norvald Stol

May 2006 **Wireless Networks**, Volume 12 Issue 3

Publisher: Kluwer Academic Publishers


Full text available:  [pdf\(2.22 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Optical Packet/Burst Switched networks (OPS/OBS) have emerged as promising all-optical network architectures for future core networks due to good resource utilization and the ability to handle speeds in a cost-efficient way. Regarding these networks, Quality of Service (QoS) differentiation is provided in order to give sufficient QoS to real-time applications, and to utilize network resources. In this paper, we present three fundamental different QoS differentiation schemes.


Keywords: QoS differentiation, optical packet switched networks, simulations, teletraffic analysis

- 15 Link and channel measurement: A simple mechanism for capturing and replaying wireless

 Glenn Judd, Peter Steenkiste

August 2005 **Proceeding of the 2005 ACM SIGCOMM workshop on Experimental approaches to network design and analysis E-WIND '05**

Publisher: ACM Press

Full text available:  [pdf\(6.06 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Physical layer wireless network emulation has the potential to be a powerful experimental tool. A challenge in physical emulation, and traditional simulation, is to accurately model the wireless channel. In this paper we examine the possibility of using on-card signal strength measurements to capture wireless traces. A key advantage of this approach is the simplicity and ubiquity with which these measurements can be obtained since virtually all wireless devices provide the required information.

Keywords: channel capture, emulation, wireless

- 16 Information systems outsourcing: a survey and analysis of the literature

 Jens Dibbern, Tim Goles, Rudy Hirschheim, Bandula Jayatilaka

November 2004 **ACM SIGMIS Database**, Volume 35 Issue 4

Publisher: ACM Press

Full text available:  pdf(1.51 MB)Additional Information: [full citation](#), [abstract](#), [references](#)

In the last fifteen years, academic research on information systems (IS) outsourcing has evolve. Indeed the field of outsourcing research has grown so fast that there has been scant opportunity for the research community to take a collective breath, and complete a global assessment of research to date. This paper seeks to address this need by exploring and synthesizing the academic literature on IS outsourcing. It offers a roadmap of the IS outsourcing literature, highlights ...

Keywords: determinants, literature review, outcomes, outsourcing, relationships, research approaches, theoretical foundations

17 [Full papers: SAKM: a scalable and adaptive key management approach for multicast communication](#)



Yacine Challal, Hatem Bettahar, Abdelmadjid Bouabdallah

April 2004 **ACM SIGCOMM Computer Communication Review**, Volume 34 Issue 2

Publisher: ACM Press

Full text available:  pdf(480.59 KB)Additional Information: [full citation](#), [abstract](#), [references](#)

Multicasting is increasingly used as an efficient communication mechanism for group-oriented applications on the Internet. In order to offer secrecy for multicast applications, the traffic encryption key has to be changed whenever a user joins or leaves the system. Such a change has to be communicated to all the members of the group. The bandwidth used for such rekeying operation could be high when the group size is large. There are several solutions to cope with this limitation, commonly called *1 affect* ...

Keywords: Multicast, key management, scalability, security

18 [Frontmatter \(TOC, Letters, Election results, Software Reliability Resources!, Computing Curricula 2004, and the Software Engineering Volume SE2004, Software Reuse Research, ICSE 2005 Forthcoming\)](#)



July 2005 **ACM SIGSOFT Software Engineering Notes**, Volume 30 Issue 4

Publisher: ACM Press

Full text available:  pdf(6.19 MB)Additional Information: [full citation](#), [index terms](#)

19 [Data-centric storage in sensornets with GHT, a geographic hash table](#)

Sylvia Ratnasamy, Brad Karp, Scott Shenker, Deborah Estrin, Ramesh Govindan, Li Yin, Fang Yu

August 2003 **Mobile Networks and Applications**, Volume 8 Issue 4

Publisher: Kluwer Academic Publishers

Full text available:  pdf(255.10 KB)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Making effective use of the vast amounts of data gathered by large-scale sensor networks (sensornets) requires scalable, self-organizing, and energy-efficient data dissemination algorithms. For sensornets, the content of the data is more important than the identity of the node that gathers them, researchers have found it useful to move away from the Internet's point-to-point communication abstraction and towards abstractions that are more data-centric. This approach entails *na* ...

Keywords: algorithms, distributed systems, performance, sensor networks

20 [Sensor networks and energy management: Effects of power conservation, wireless coverage, and](#)



[cooperation on data dissemination among mobile devices](#)

Maria Papadopoulou, Henning Schulzrinne

October 2001 **Proceedings of the 2nd ACM international symposium on Mobile ad hoc networking and computing**

Publisher: ACM Press

Full text available:  pdf(313.06 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index](#)

This paper presents 7DS, a novel peer-to-peer data sharing system. 7DS is an architecture, a software and an implementation enabling the exchange of data among peers that are not necessarily connected to the Internet. Peers can be either mobile or stationary. It anticipates the information needs of users by searching for information among peers. We evaluate via extensive simulations the effectiveness of our system for data dissemination among mobile devices with a large number of peers.

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